

**Notice of Allowability**

Application No.

10/660,929

Examiner

Tuyet Vo

Applicant(s)

TAKEDA ET AL.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/22/2006.
2. ☒ The allowed claim(s) is/are 1,3-24 and 29-32.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

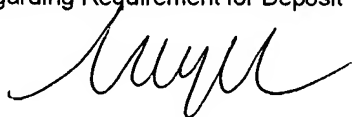
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



**TUYET VO**  
**PRIMARY EXAMINER**

## DETAIL ACTION

### Remarks

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on June 29, 2006 has been entered.

### *Examiner's Amendment*

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as following:

In the drawings, insert --PRIOR ART-- next to Figures 10B, 10A, 11A, 11B and 11C.

In the claim, claim 1, line 10, insert --,-- after "unit" and delete "and" before "limits";

line 12, delete "starter" and insert --starting-- before "wire".

claim 10, line 11, delete "and" before "cuts".

claim 22, line 1, delete "2" and insert --1-- after "Claim".

The above noted amendment has been added in order to clarify the specification and correct a typographical in the claim language.

### *Reasons For Allowance*

2. Claims 1, 3-24 and 29-32 are allowed.

Art Unit: 2821

3. The following is an examiner's statement of reasons for allowance: the prior art of record fails to disclose a metal halide lamp comprising: a ceramic arc tube; a pair of electrodes; two feeders; a starting wire that is connected to one of the feeders in a manner as described in the claim 1, in that, the starting wire is in a vicinity of or contacts an outer surface of the arc tube and a current-limiting unit, that is on a current path of the starting wire, limits current on the path during an abnormal discharge between one of the electrodes and the starter wire or cuts current to the starting wire within a predetermined amount of time of an occurrence of an outer tube discharge between the starting wire and one of the pair of electrodes during a post-start up operation of the lamp as required in claim 10. The prior art also lacks to disclose a sleeve is supported by a conductive supporting part, wherein the starting wire passes through the supporting part in an insulation manner as required in claim 29. The prior art does not mention a current limiting means for limiting a current carrying capacity of the starting wire, when the arc tube breaks, to a current value restricted within a range in which an operating start up voltage does not rise as required in claim 32.

4. The remaining dependent claims are allowable for at least above reason.

5. The prior art made of record and not relied upon is considered pertinent to applicants' disclosure. None of recorded prior arts stands alone or combination with others discloses all limitation required in claim invention.

### *Correspondence*

Any comments considered necessarily by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuyet Vo whose telephone number is (571) 272 1830. The examiner can normally be reached on Mon-Fri.

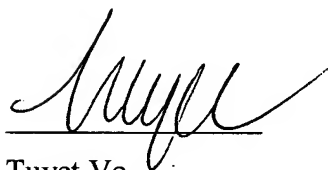
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Callahan can be reached on (571) 272 1740. The fax phone number for the

Art Unit: 2821

organization where this application or proceeding assigned is (571) 273-8300 for regular communications and for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571 272 2800.

Information regarding the status of an application or status information for publicizing/unpublicizing applications may be obtained from the Patent Application Information Retrieval (PAIR) system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the PAIR system, contact the Electronic Business Center (EBC) at toll free 866-217-9197.

A handwritten signature in cursive script, appearing to read 'Tuyet Vo', written over a horizontal line.

Tuyet Vo

Primary Examiner

July 09, 2006